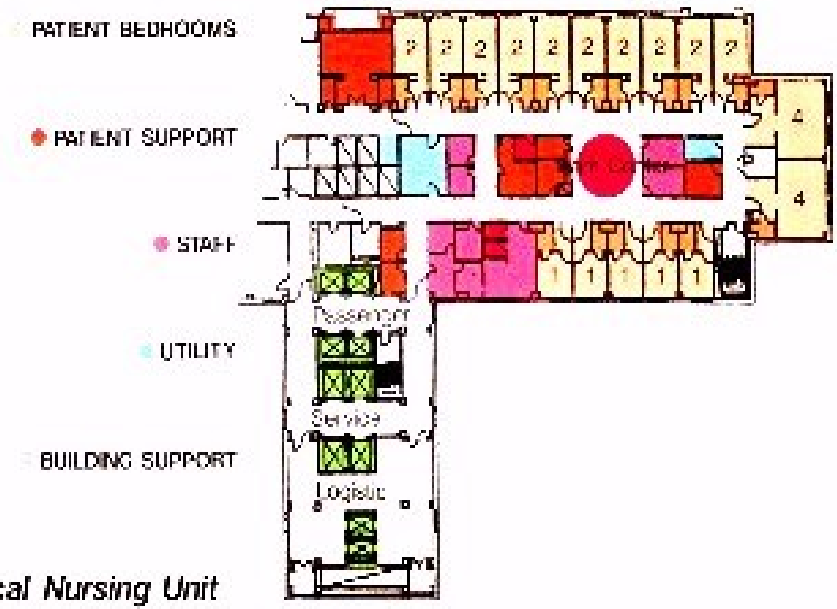
UNITED STATES ARMY
HEALTH FACILITY PLANNING AGENCY

Facility Life Cycle Integration



Typical Nursing Unit

Life Cycle Mission

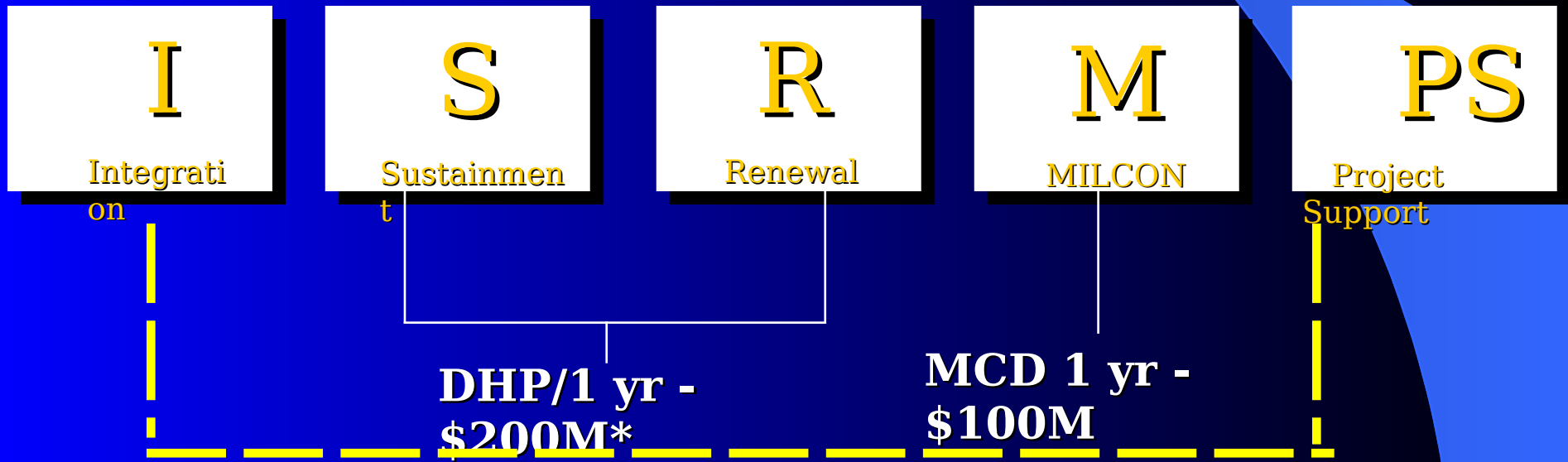
Develop and promote mission-based predictive sustainment and capital facility investments.

Life Cycle Charter

Meet our client's need by harnessing our shared vision and abilities (RMC's, MSC's, HFPA, DCSEI&FM, facility managers, and contractors) in making proper facility investments.

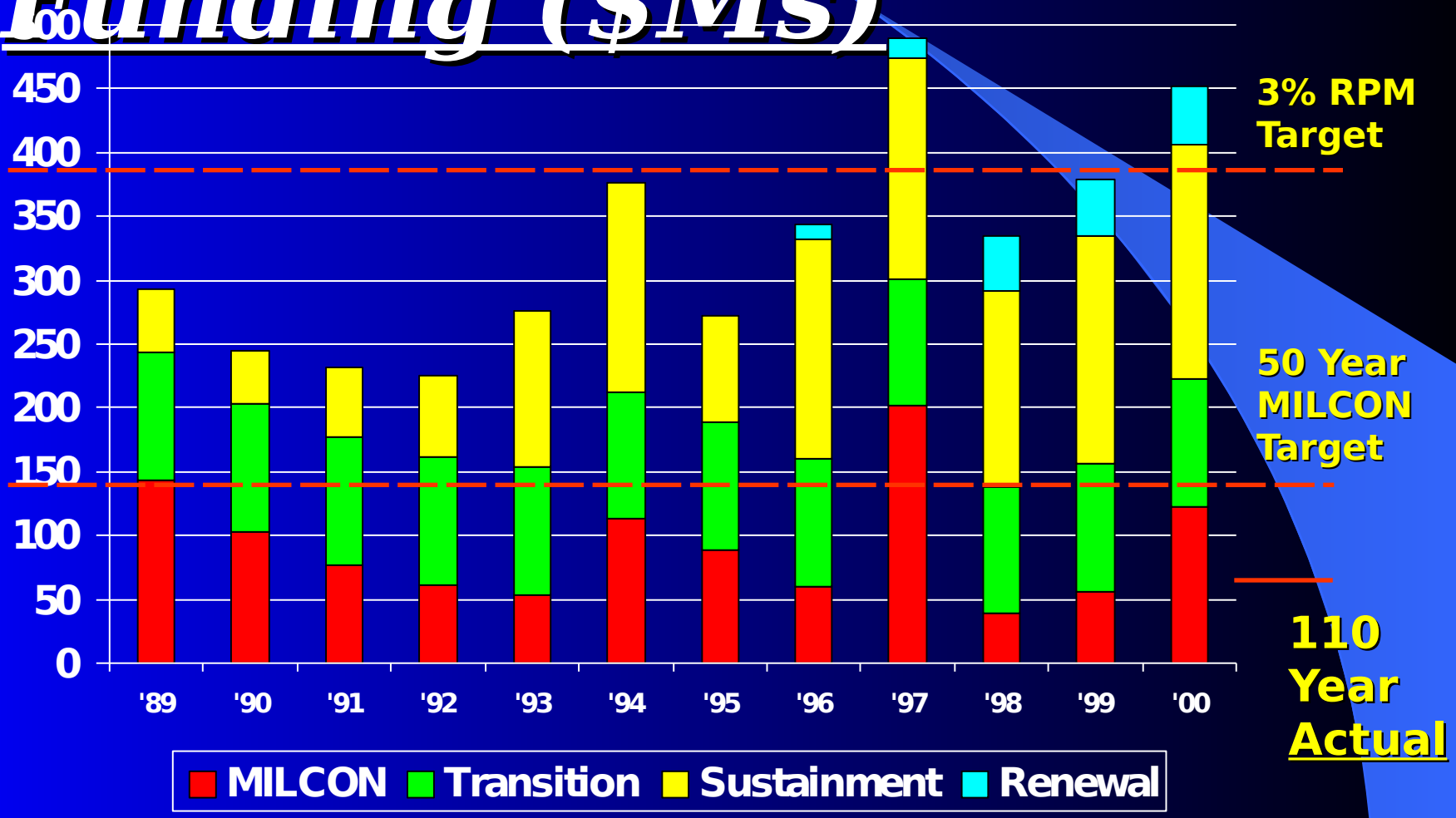
Integrate What?

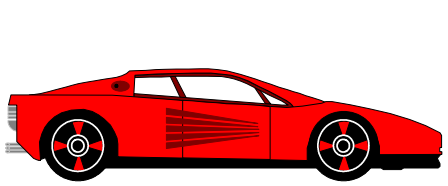
HFPA



***2B Square Ft x 3% PRV =**

Total Life Cycle Funding ($Ms)





Everyone needs Road Maps

Who needs "Masterplanning?"

Regional Facility Directors

MTF Facility Directors

MTF Leaderships

Installation Master Planners

MEDCOM PBAC

MEDCOM Strat Planners

DoD HA

DoD Regions

Facility Life Cycle Integration

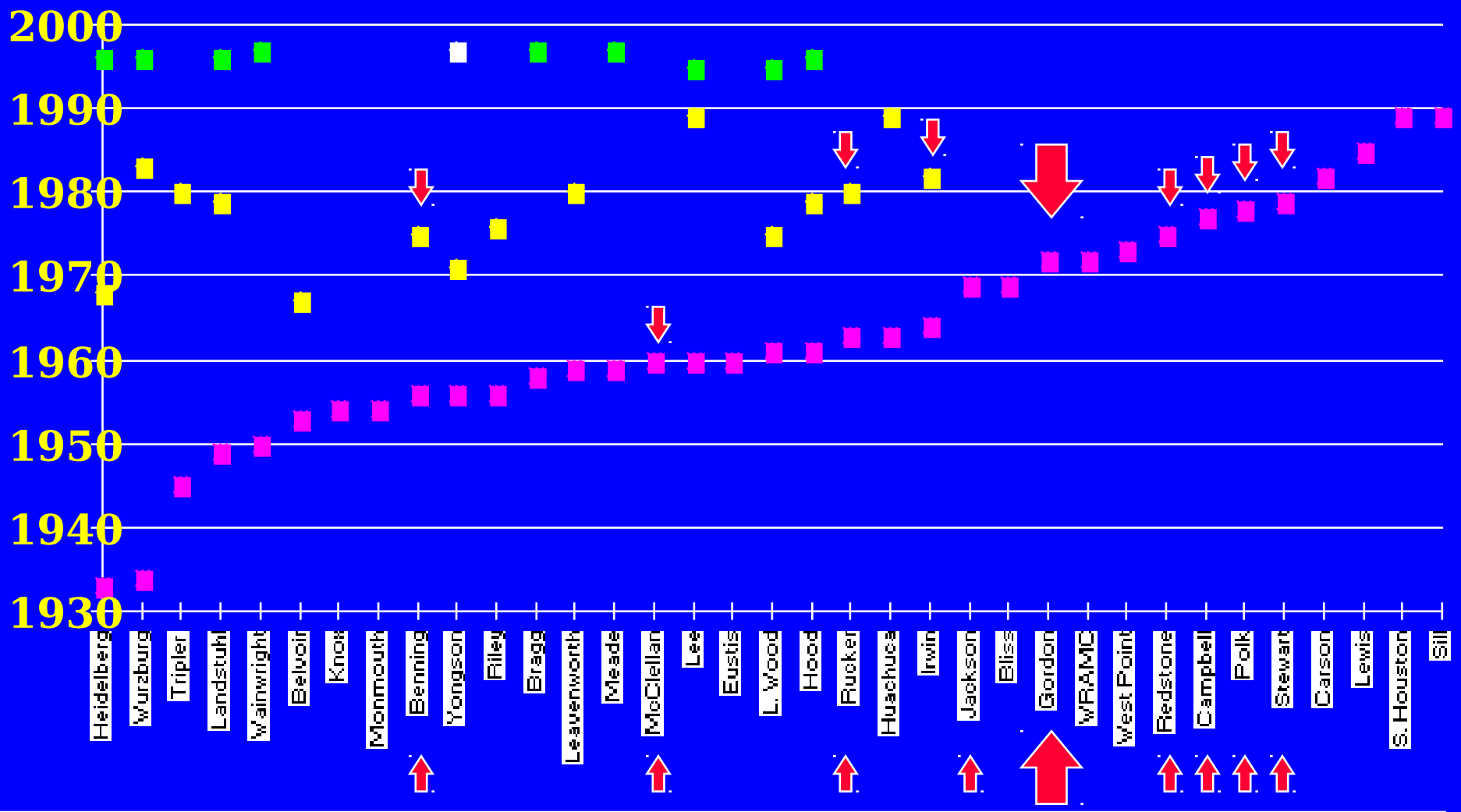
HFPA Commander & DCSEI&FM

HFPA Program Managers

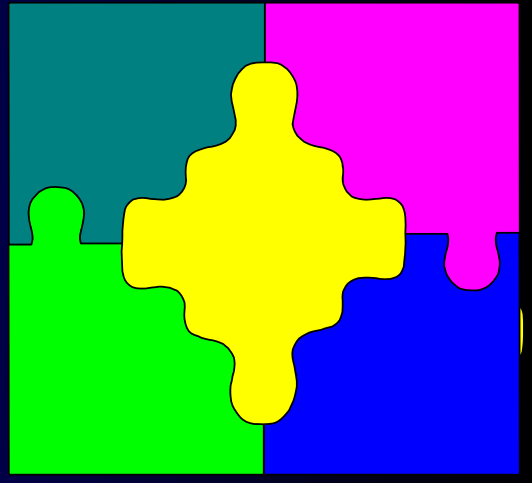
(MILCON, Renewal, Sustainment)

HFPA Project Managers

Master Plans for Army Hos



Master Planning



One plan – All projects

Develops 25-50 yr life cycle plan

Sensitive to 1 & 5 year requiremen

Taylors with preventive maintenan

Targets critical milestones & decis

Integrated at MEDCOM & Region

Planning Services

- Strategic health care planning
- Economic analysis
- Detailed business planning
- PFD development
- Space analysis
- Master planning

Planning Services II

- Facility assessment
- JCAHO statement of conditions
- Utility system assessments
- CAD drawings
- Time line & milestone development
- Cost estimates

Strategic Planning & EA

Analyze existing delivery patterns

(population, product lines, workload, staffing)

Consider current & future environment

Develop alternative delivery scenarios

Forecast requirements

Conduct economic analysis

Business Planning

Concept of Operation Development

Based on strategic plan …

Develop “new” delivery approache

Update operational models

Realign work centers & reorganiz

Plan staff development & cross-tr

Identify equipment & automation

Space Analysis & Planning

"Total review" all buildings & functions

Examine existing space & functional use

Assess/document facility conditions

Complete JCAHO document update

PFD & Conceptual Planning

Generate PFDs ….

Based on the “new” business plan

Identify work center & total requirements

Develop alternative conceptual layouts

Master Planning at U.S. Army MEDDAC Heidelberg

Master Facility Plan - Alternative A and B Comparison

1 Site Plan A

2 Site Plan B

3 Convert 4th Floor Bld 3617
to Outpatient Clinic

4a Convert Bld 9607
To Outpatient Clinic

4b Convert Bld 9616
into New Pathology

Improved Vehicular Circulation
Improved Parking
Enlarge Clinics as Required
New Pathology Department

Alternative A

5 Major Renovation to convert 2nd Floor
Bld. 3613 Into New Surgery Suite

Expand Radiology In-Place
Renovate Bld. 3613 to Accomodate
Appropriate P&D Functions
Renovate Bld. 3613 Entrance
Renovate CMS
Renovate ICU

Alternative B

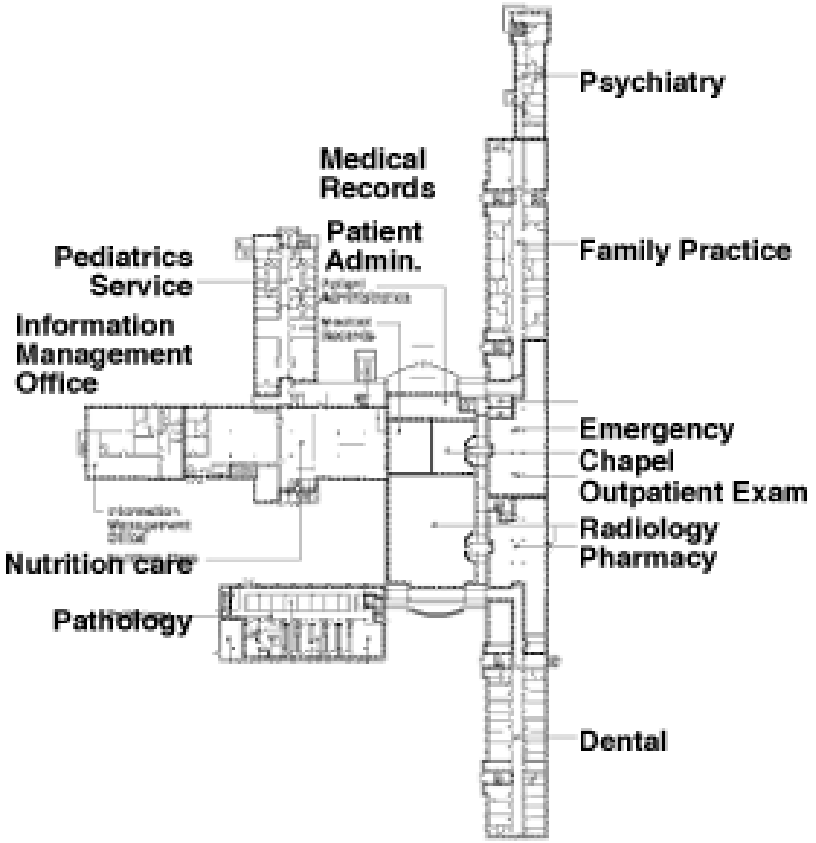
6 Construct Diagnostic and
Treatment Addition

New Radiology Department
New PAD Department
New Entrance to Bldg. 3613 & 3617
New Surgery Suite
New CMS
Renovate ICU

Master Facility Plan - Alternative A and B Comparison

Alternative A

Alternative B



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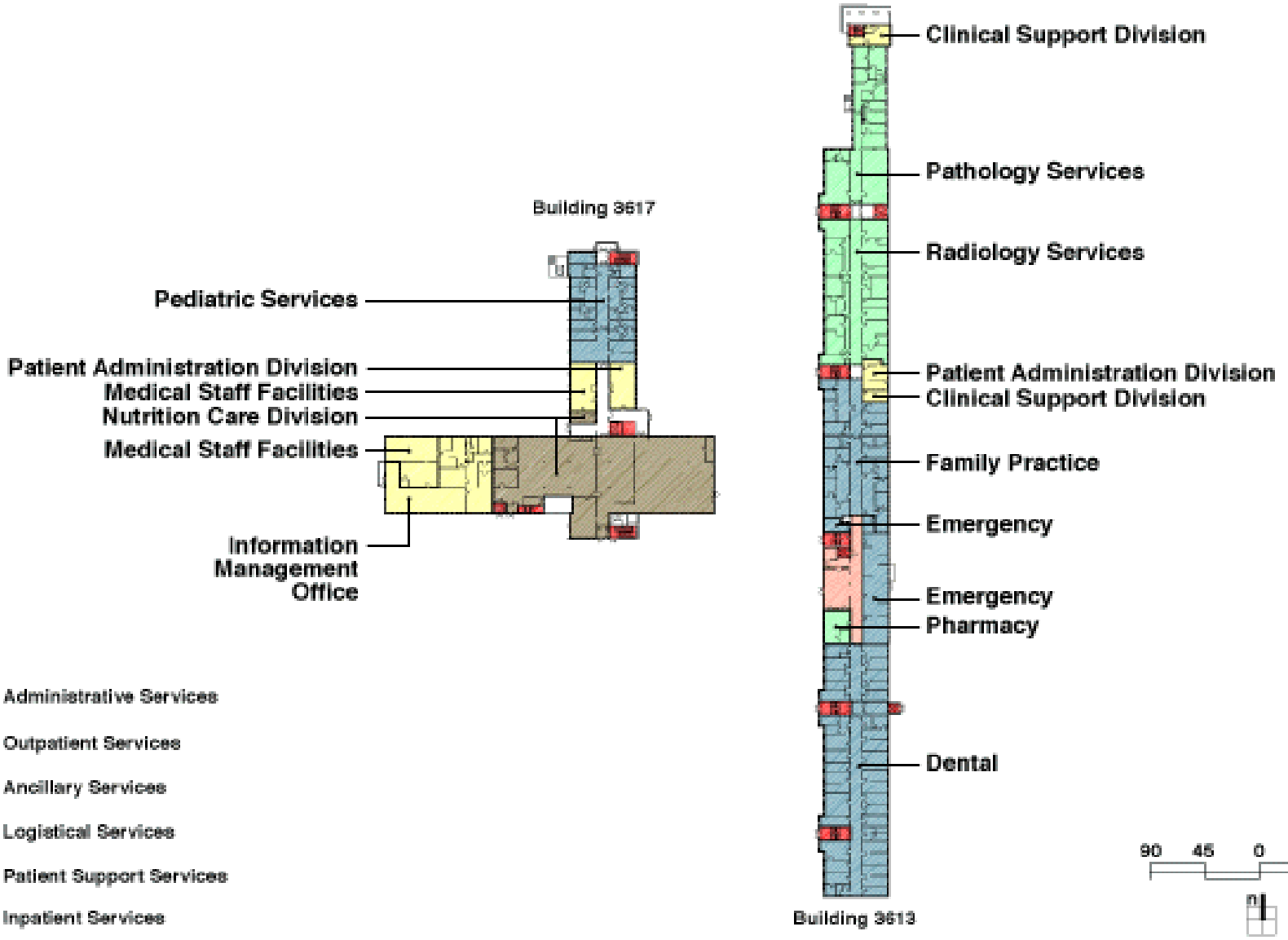
CDE Metcalf

Existing Conditions

First Floor



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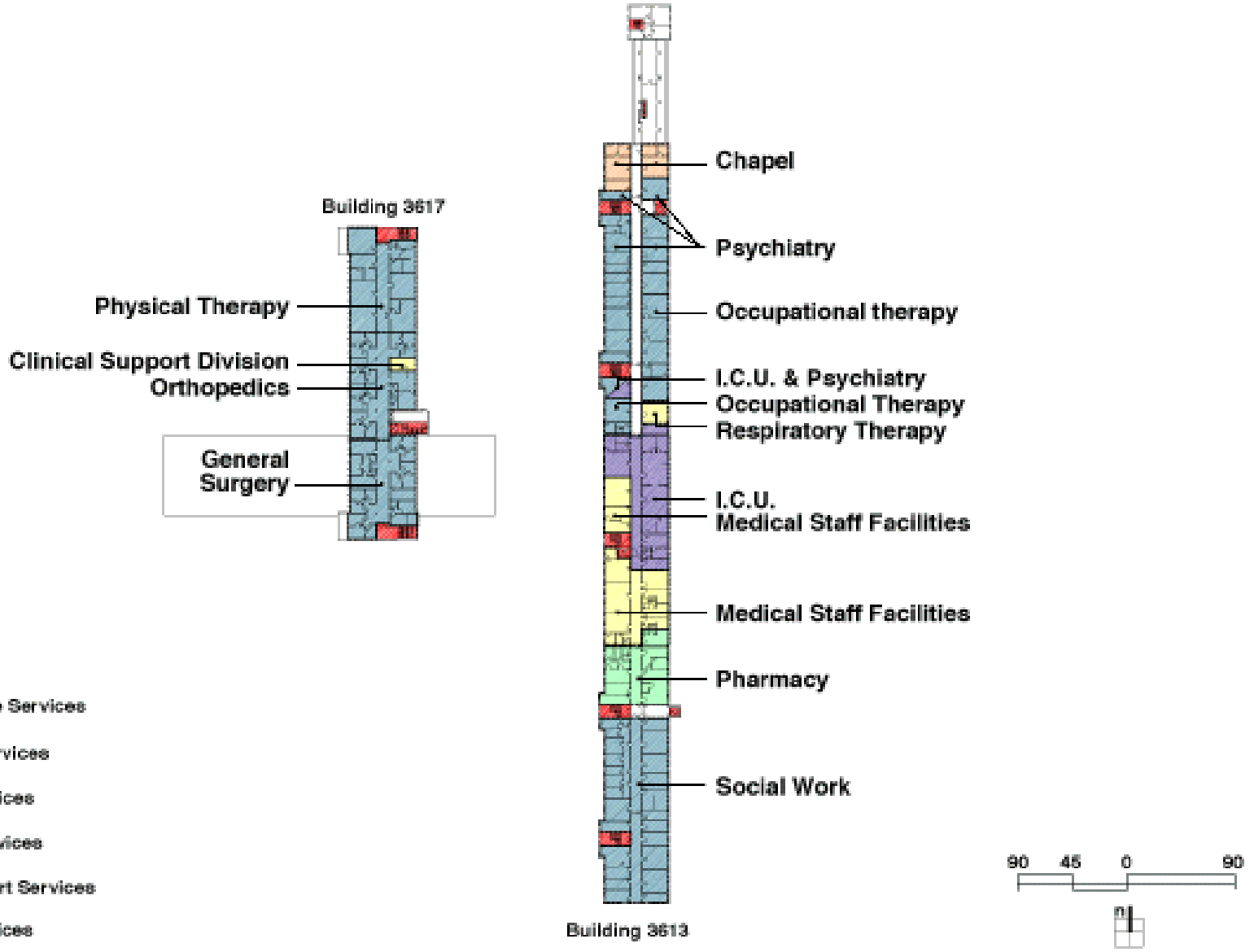
Existing Conditions

Second Floor



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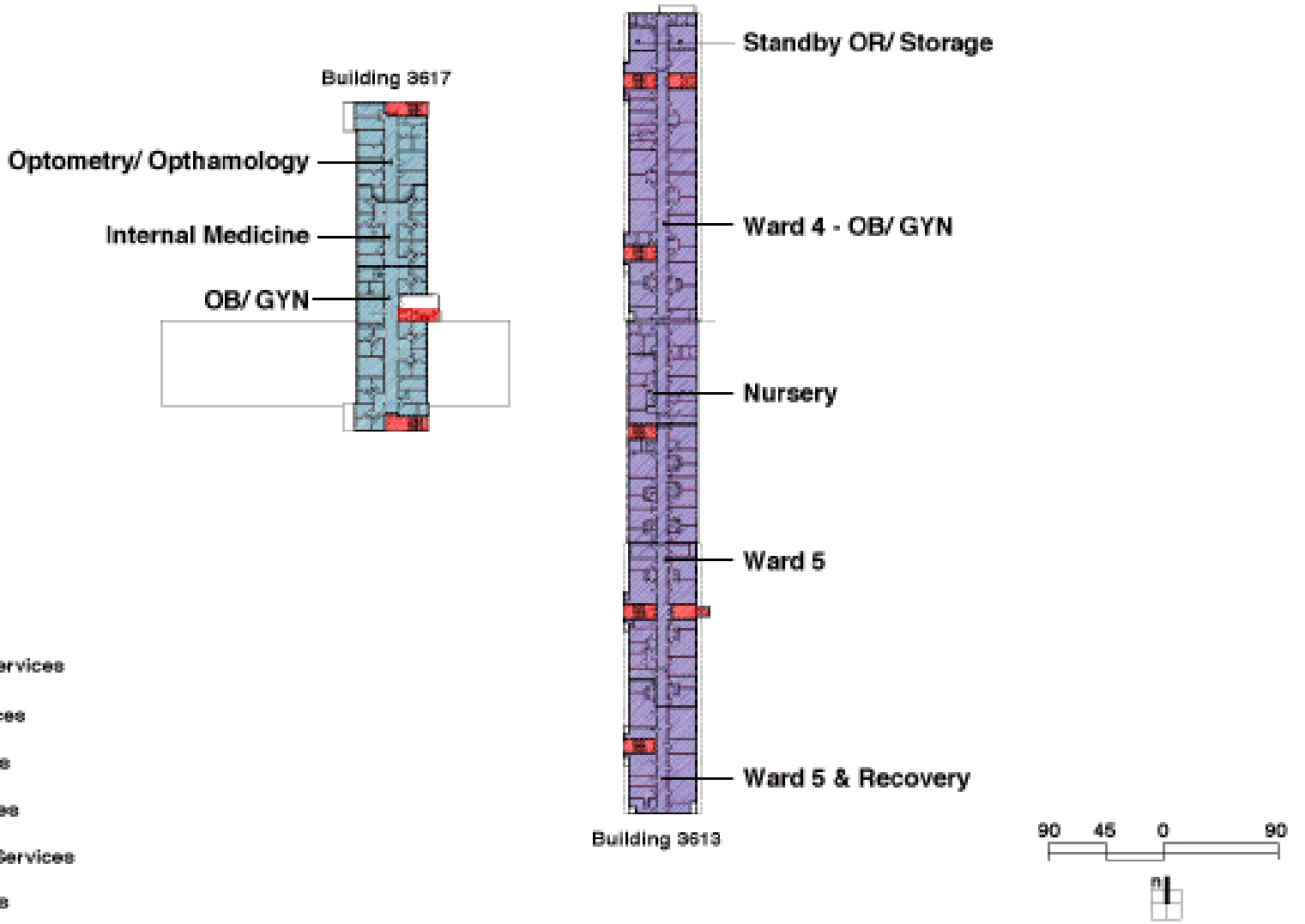
Existing Conditions

Third Floor



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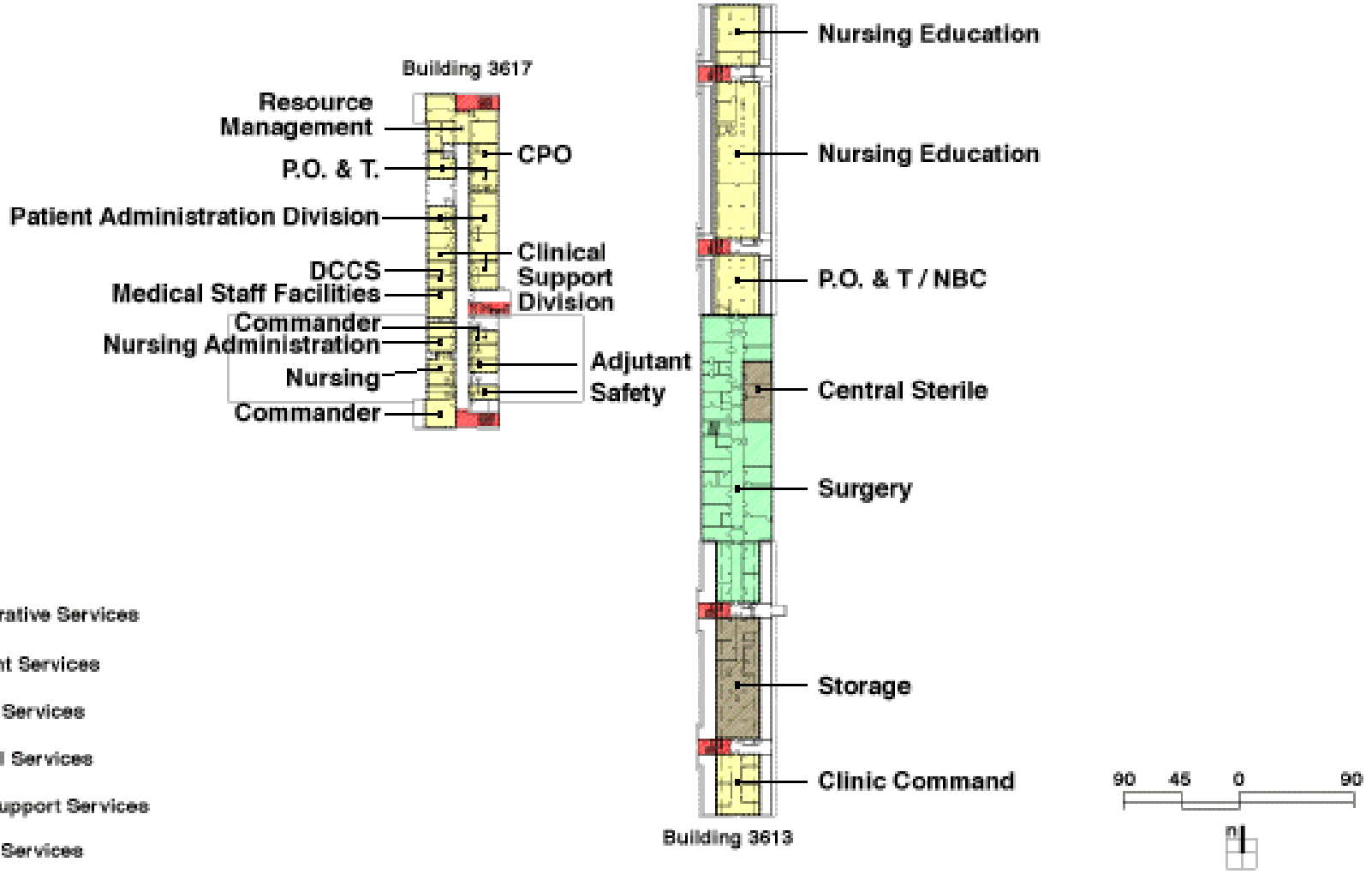
Existing Conditions

Fourth Floor



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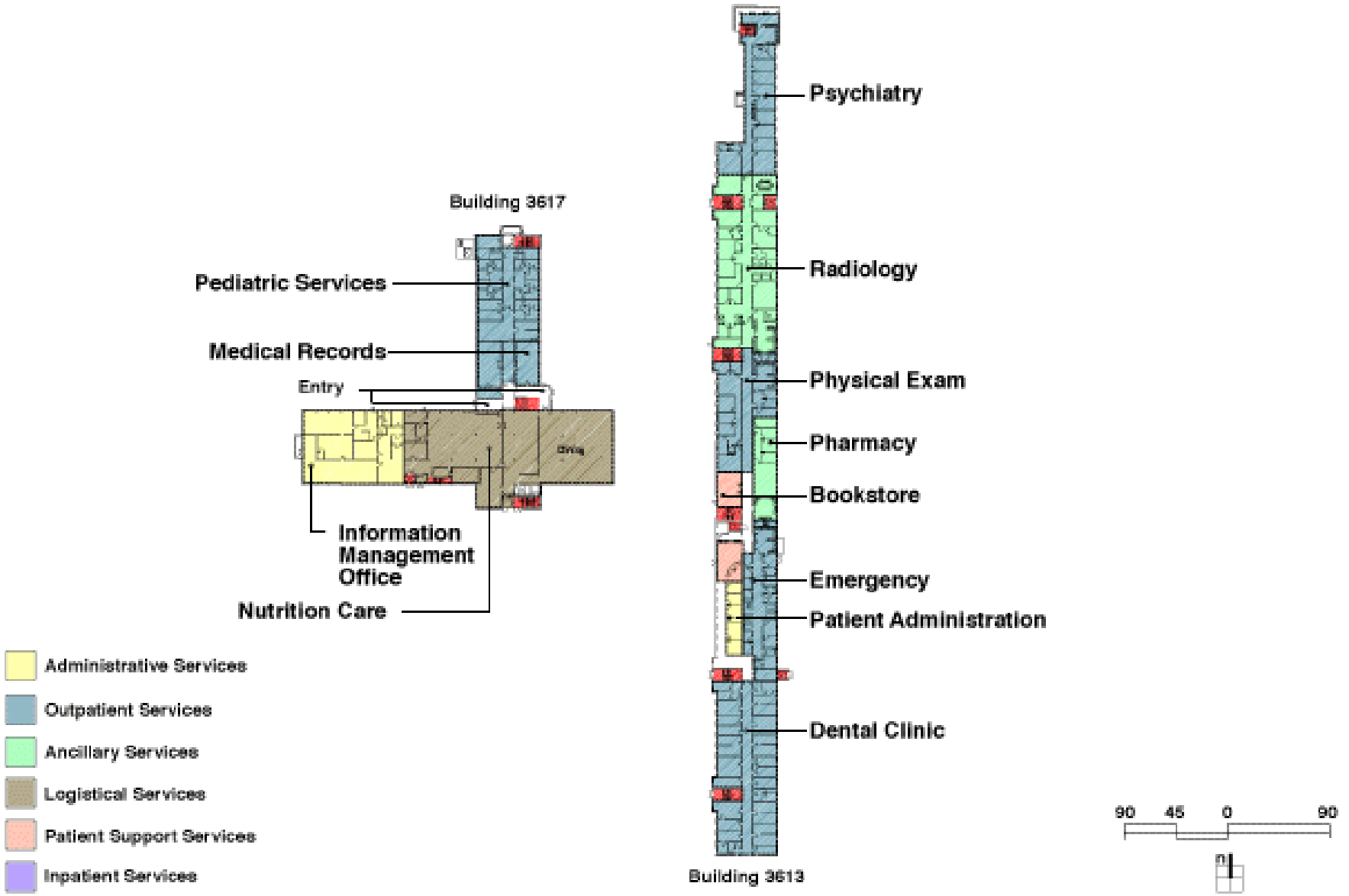
Master Facility Plan - Alternative A

First Floor



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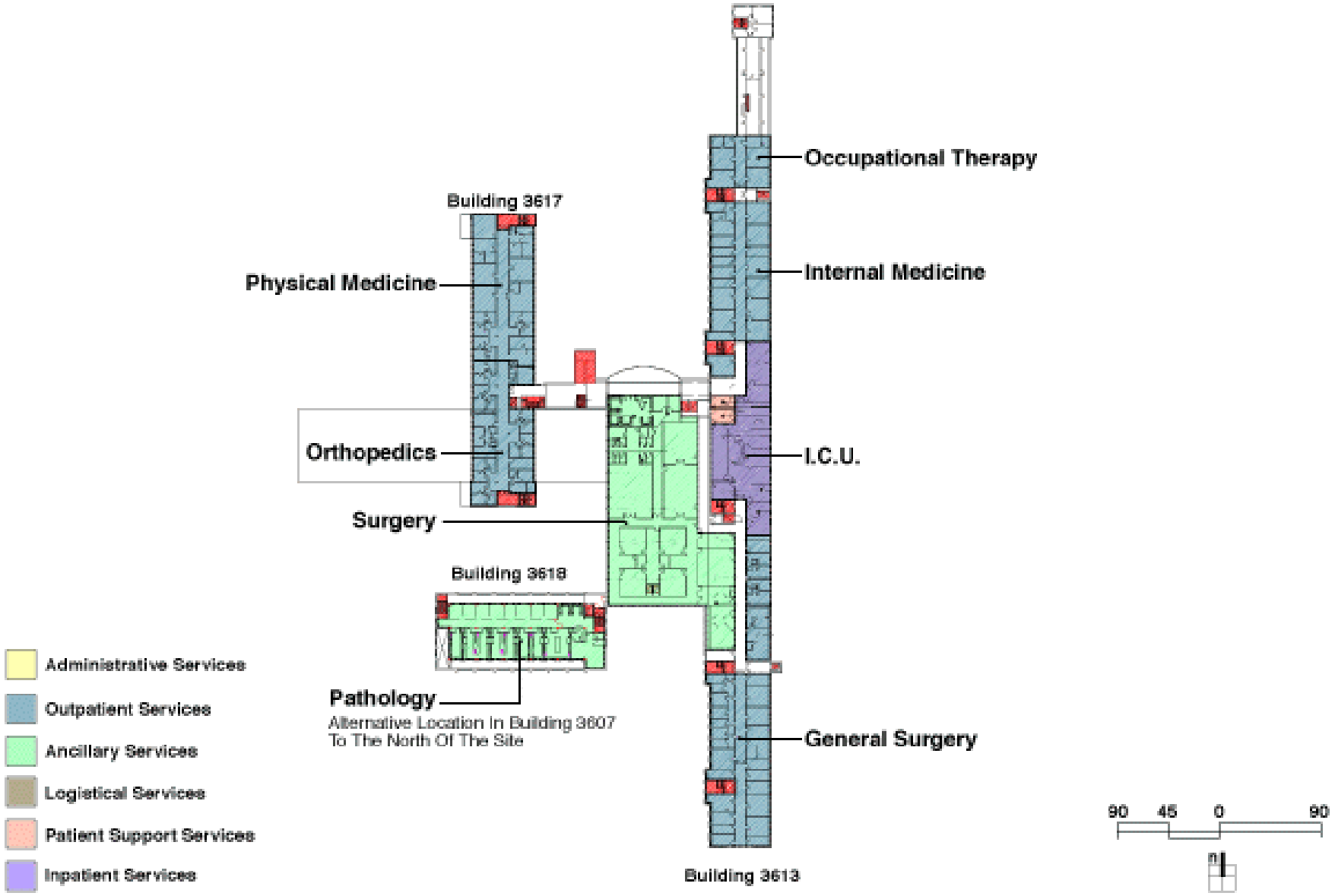
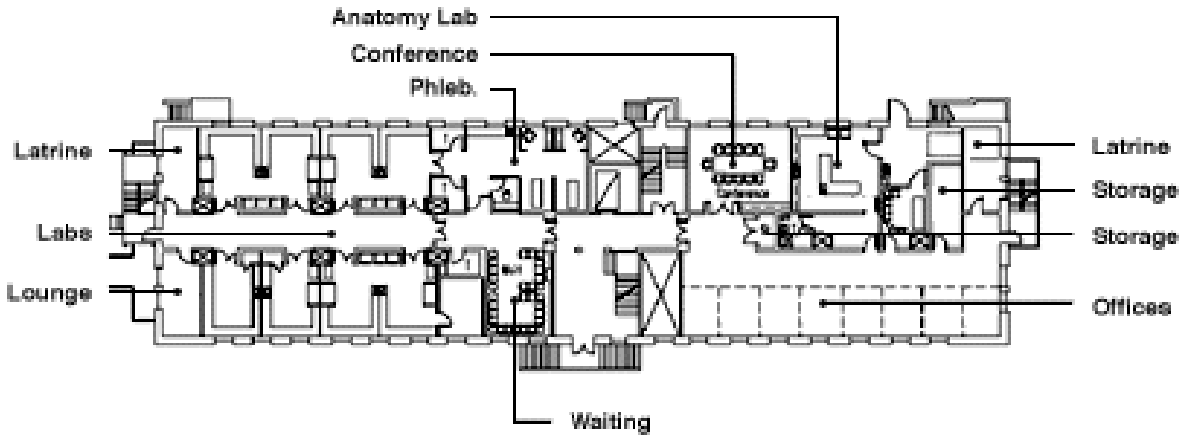
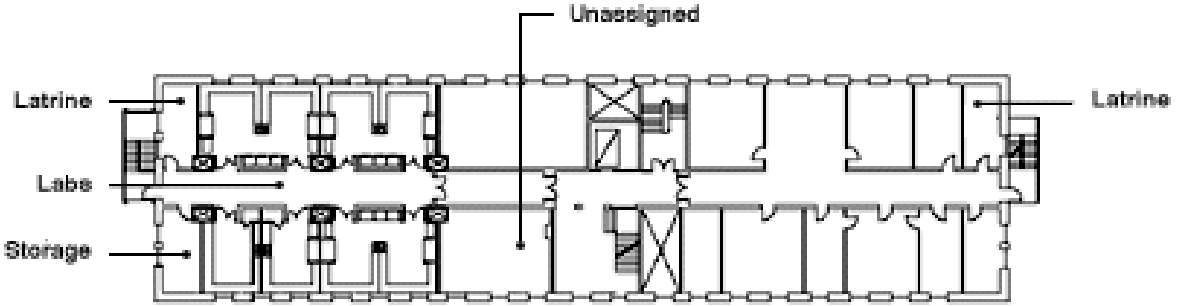
Master Facility Plan - Alternative B

Second Floor

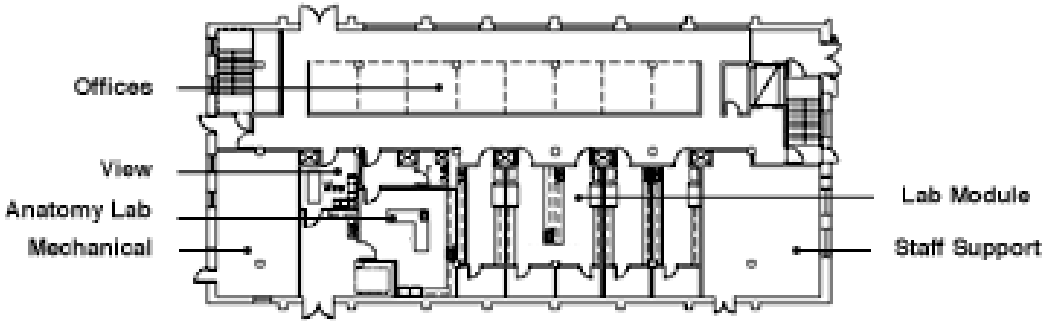




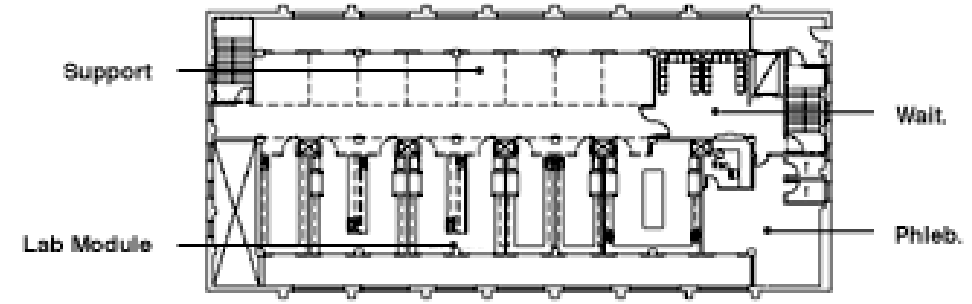
First Floor Plan



Second Floor Plan



First Floor Plan



Second Floor Plan

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To Outpatient Clinic

4b Convert Bld 9616
into New Pathology

Improved Vehicular Circulation
Improved Parking
Enlarge Clinics as Required
New Pathology Department

Alternative A

5 Major Renovation to convert 2nd Floor
Bld. 3613 Into New Surgery Suite

Expand Radiology In-Place
Renovate Bld. 3613 to Accomodate
Appropriate P&D Functions
Renovate Bld. 3613 Entrance
Renovate CMS
Renovate ICU

Alternative B

6 Construct Diagnostic and
Treatment Addition

New Radiology Department
New PAD Department
New Entrance to Bldg. 3613 & 3617
New Surgery Suite
New CMS
Renovate ICU

HFPA will .....

Provide assistance & tools

Conduct system-wide data collecti

Assist RMCs with integrated mast

Coordinate with MEDCOM & Lead

Develop & manage contract

The Leadership ….

Evaluate alternative scenarios

Support functional realignment

Consolidate into the best buildings

Commit to master plo

BUY
BONDS
Master
Planning!

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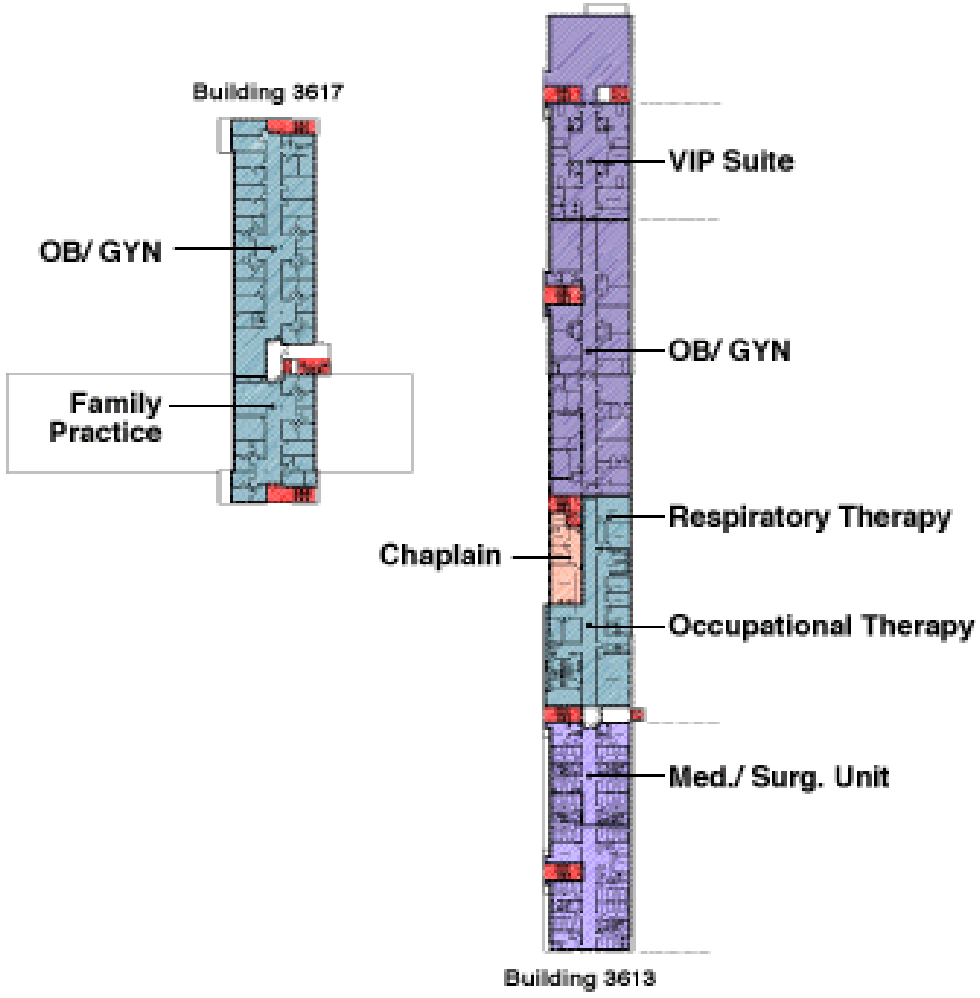
Master Facility Plan - Alternative A

Third Floor



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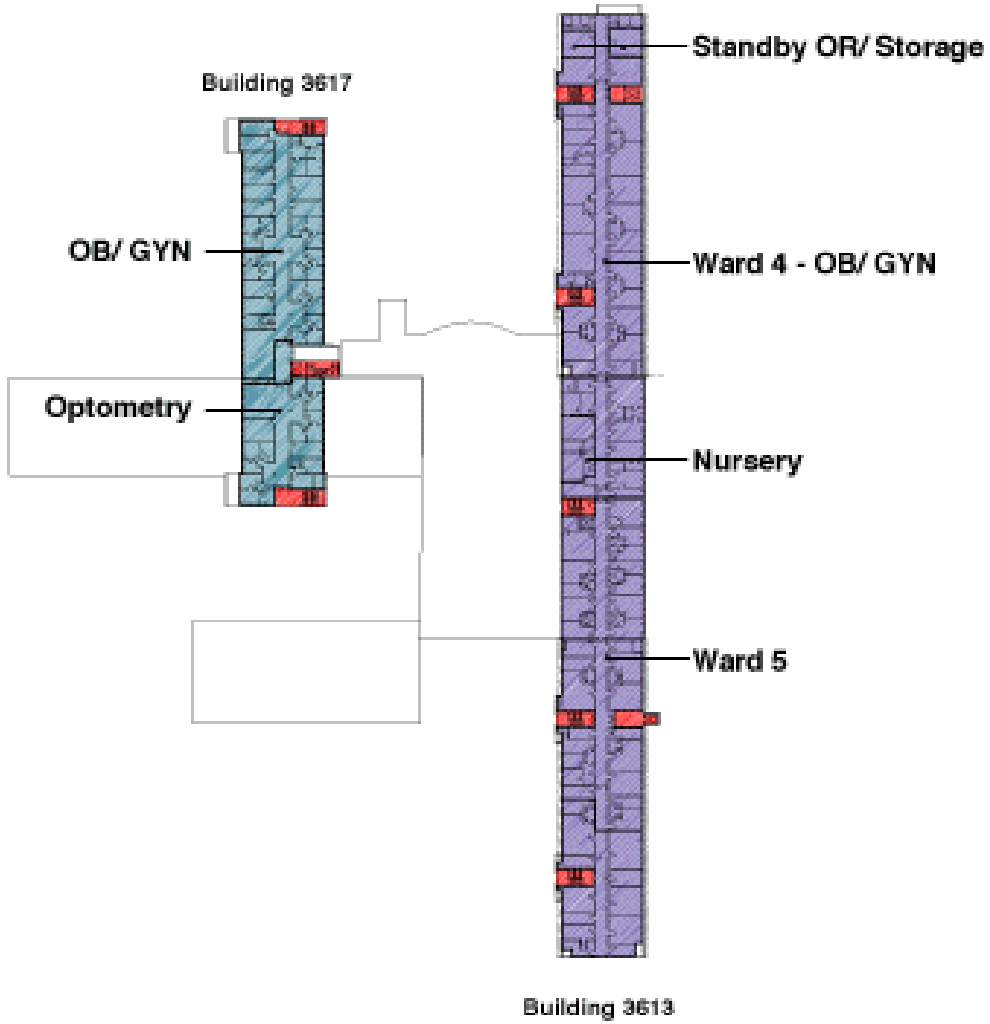
Master Facility Plan - Alternative B

Third Floor



- Administrative Services
- Outpatient Services
- Ancillary Services
- Logistical Services
- Patient Support Services
- Inpatient Services

90 45 0 90

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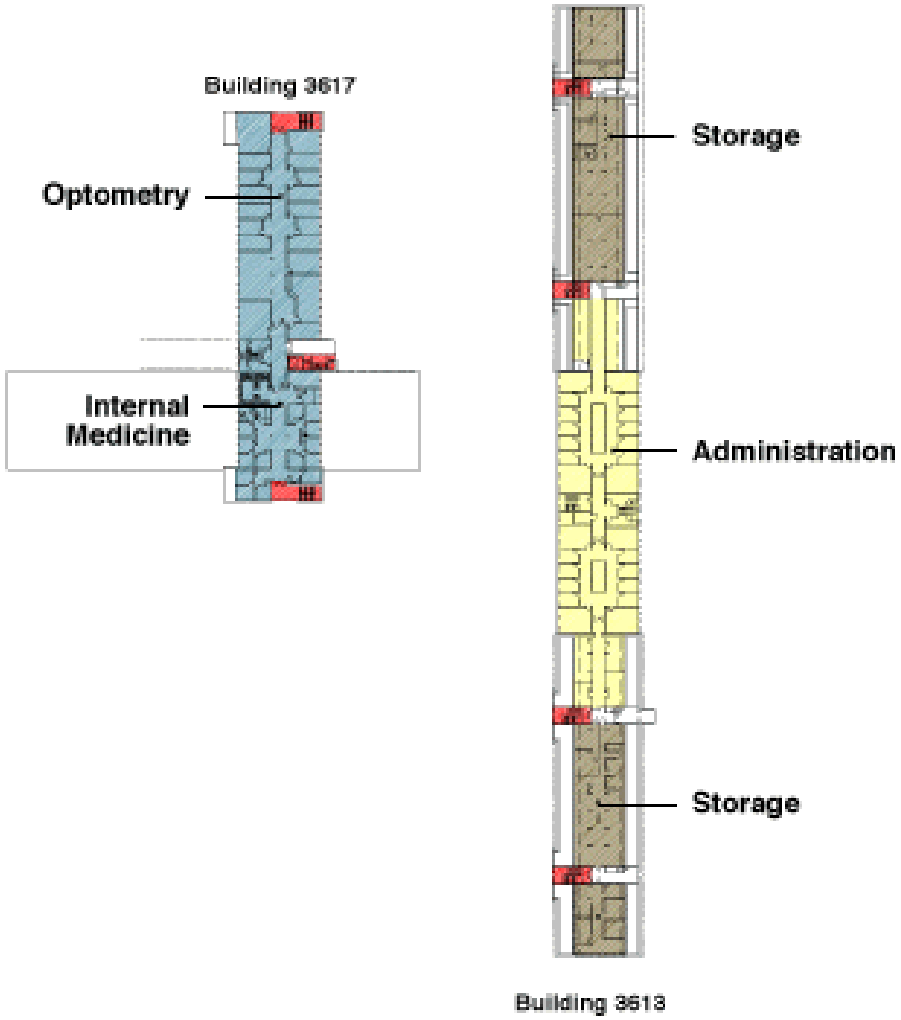
Master Facility Plan - Alternative A

Fourth Floor



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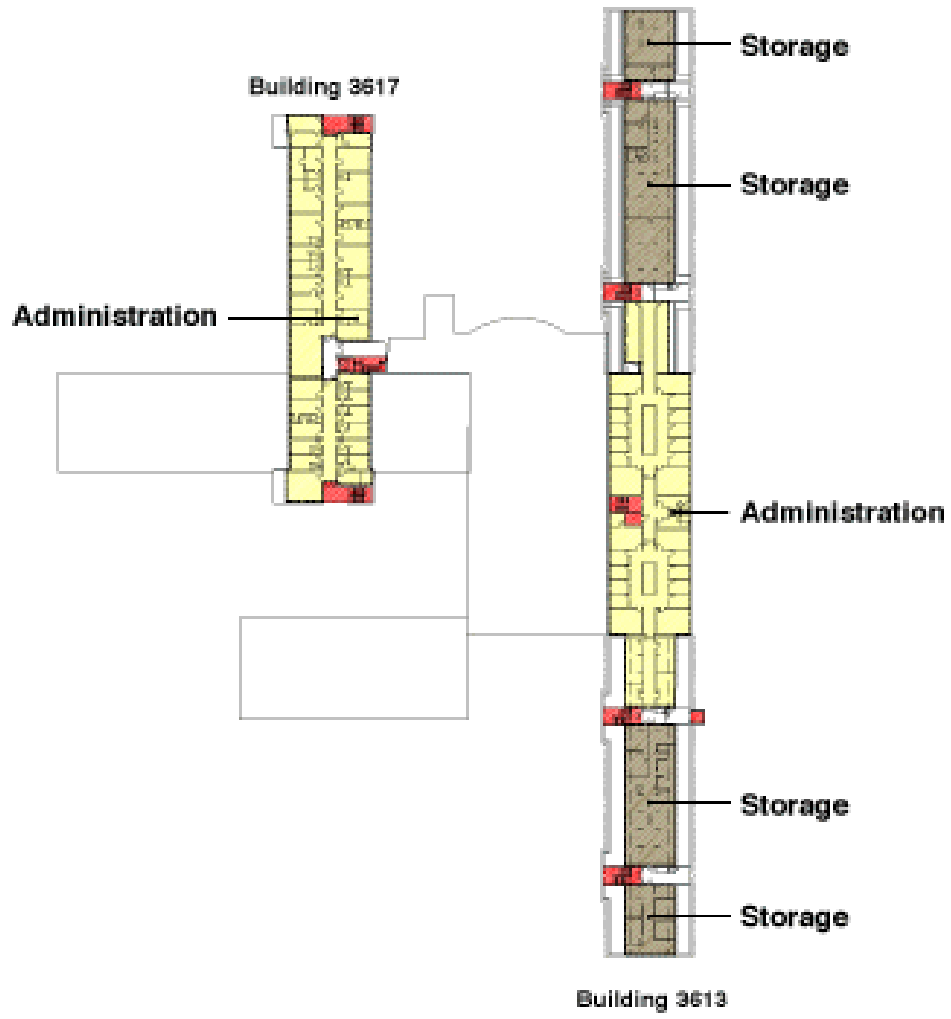
Master Facility Plan - Alternative B

Fourth Floor



- Administrative Services
- Outpatient Services
- Ancillary Services
- Logistical Services
- Patient Support Services
- Inpatient Services

90 45 0 90

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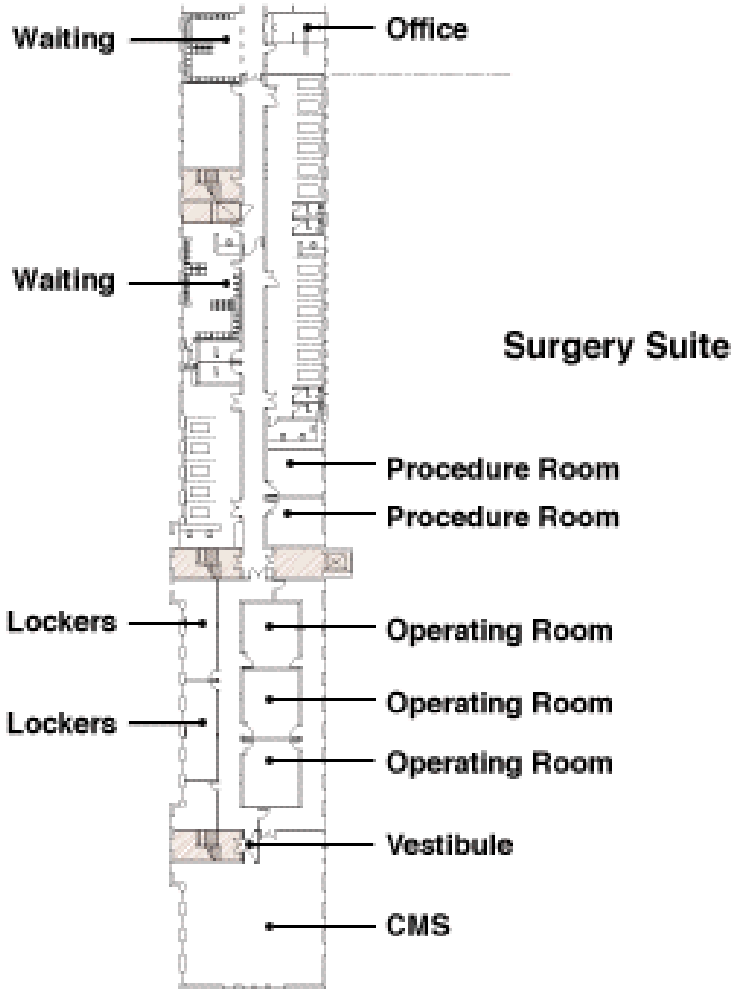
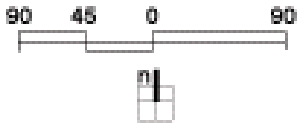
Master Facility Plan - Project 5 - Renovation of Second Floor of Building 3613 Into A New Surgical Suite

Second Floor





Facility Life Cycle Integration Charter

Meet our client's need by fostering a shared vision among the HFPA team, DCSEI&FM, RMC's, MSC's, facility managers, and contractors to harness the efforts, abilities & talents of each in developing an effective MEDCOM-wide

Fort Meade Plan

- Facility Assessment Supplement
- Finalize Business Planning
- Mission-based Economics
- PFD development
- Space and Building Analysis
- Mission-based

Master Planning Process

Typical Timeline